

CLAIMS

What is claimed is:

1. An endless member assembly comprising:
an endless member having an inner surface, an outer surface, and a pair of edges;
at least one belt secured on said inner surface of said endless member; and
at least one seal on at least one of said pair of edges.
2. The endless member assembly as recited in claim 1 wherein said endless member is a conveyor belt.
3. The endless member assembly as recited in claim 1 wherein said endless member is a metal alloy including Iron and 36% Nickel.
4. The endless member assembly as recited in claim 3 wherein said endless member further includes a non-stick coating.
5. The endless member assembly as recited in claim 1 further including a drive pulley having a drive pulley groove and a non-drive pulley having a non-drive pulley groove, and said at least one belt is received in at least one of said drive pulley groove and said non-drive pulley groove.
6. The endless member assembly as recited in claim 5 wherein said at least one of said drive pulley groove and said non-drive pulley groove is substantially trapezoidal, and said at least one belt is substantially trapezoidal.
7. The endless member assembly as recited in claim 1 wherein said at least one belt is proximate to at least one of said pair of edges.

8. The endless member assembly as recited in claim 1 further including two of said at least one belt, and each of said two of said at least one belt is proximate to one of said pair of edges.

9. The endless member assembly as recited in claim 1 further including two of said at least one seal, and each of said two of said at least one seal is on one of said pair of edges.

10. An endless member assembly comprising:

a first endless member assembly including a first endless member having a first inner surface, a first outer surface, and a pair of first edges, two first belts on said first inner surface of said first endless member, and one of said two first belts is proximate to each of said pair of first edges, two first seals, and one of said two first seals is on each of said pair of first edges, a first drive pulley to drive said endless member, and a first non-drive pulley;

a second endless member assembly including a second endless member having a second inner surface, a second outer surface, and a pair of second edges, two second belts on said second inner surface of said second endless member, and one of said two second belts is proximate to each of said pair of second edges, two second seals, and one of said two second seals is on each of said pair of second edges, a second drive pulley to drive said endless member, and a second non-drive pulley; and

a gap between said first endless member assembly and said second endless member assembly.

11. The endless member assembly as recited in claim 10 wherein said first endless member and said second endless member is a conveyor belt.

13. The endless member assembly as recited in claim 10 wherein said first two belts are proximate to said pair of first edges and said second two belts are proximate to said pair of second edges.

14. The endless member assembly as recited in claim 10 wherein said two first seal of said first endless member and said two second seals of said second endless member contact at a contact point.

15. The endless member assembly as recited in claim 10 wherein said a first drive pulley further includes a first drive groove and said second drive pulley further includes a second drive groove.

16. The endless member assembly as recited in claim 15 wherein said first non-drive pulley further includes a first non-drive groove and said second non-drive pulley further includes a second non-drive groove.

17. The endless member assembly as recited in claim 16 wherein said two first belts engage said first drive groove and said first non-drive groove, and said two second belts engage said second drive groove and said second non-drive groove.